

09374580

ABSTRACT OF THE DISCLOSURE

A printing head which outputs an output from a sensor device provided for monitoring various condition of a printing head as digital data, and a printing apparatus using the printing head. The output from the device for detecting condition of the printing head, e.g., information indicative of a substrate temperature, a resistance value of an electrothermal transducer, an ON resistance value of a power transistor which drives the electrothermal transducer and the like is digitized on the substrate, and outputted as digital information to the outside. Further, the digital information is outputted by utilizing a clock signal and a latch signal used for transferring print data to the printing head. This does not increase the number of wires and the area of the substrate.